GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

UNSTARRED QUESTION NO:2731
ANSWERED ON:09.08.2000
ASSISTANCE OF WORLD BANK
CHANDRA BHUSHAN SINGH

Will the Minister of AGRICULTURE be pleased to state:

(a) the total number of projects submitted for financial assistance from the World Bank under National Agriculture Technology Project (NATP);

(b) the total number of projects approved by the World Bank under NATP;

(c) details of the number of project submitted by the G.B. Pant Universityof Agriculture and Technology and the number of these projects approved by the World Bank under NATP; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (DR. DEBENDRA PRADHAN)

(a) There is only one project funded by the World Bank entitled National Agricultural Technology Project (NATP).

(b) So far, the total number of sub-projects as approved by competent expert committees constituted by the ICAR under NATP project is 416.

(c) & (d) The G.B. Pant University of Agriculture and Technology had submitted 78 sub-projects for funding under NATP. The ICAR has approved 56 of these sub-projects as indicated in the Annexure.

Annexure-I

List of sanctioned sub- projects for GBPUA&T, Pantnagar under NATP

As on August, 2000

Sr. No.	Agro-ecosystem	Mode	Title of the Sub-Projects	PI name & Address	Amount (Rs.In lakh)
1	Hill & Mountains	IVLP/ TAR	Hill Zone of U.P, GBPUAT, Ranichauri	Dr. M.C.Nautial, GBPUAT, Ranichauri	29.09
2	Irrigated TAR	IVLP/	GBPUA&T, Pantnagar	Dr.K.S.Sekhar	28.27
3	Arid	PSR	Identification and evaluation of medicinal plants for control of parasitic diseases in livestock	GBPUAT,Pantnagar(UP)	34.56
4	Hill & Mountain	PSR	Development of IPNS for Veget-ables and fruit Production Systems.	Dr.R.V.Singh,GBPUA&T (Ranichuri)249199 (UP)	89.90
5	Hill & Mountains	PSR	Aquaculture management in cold waters evaluation of masher fishery potential and its farming	Dr.A.P Sharma,GPUA&T, Ranichuri Campus,UP	29.53

			feasibility for conservation in Himalayan Region ,		
6	Rainfed	PSR	Identification of research gaps in intercropping systems under rainfed conditions in India	GBPUAT-Pantnagar	0.63
7	Rainfed	PSR	Improvement of roti making quality and shelf life of grain sorghum	Dr.G.K.Garg, GBPUAT, Pantnagar	103.60
8	Rainfed	PSR	Processing of millets for value addition and development of health foods	GBPUAT, Pantnagar	23.62
9	Rainfed	PSR	Strengthening of research on Integrated Management of Blast of finger millet (Eleusine coracana Gaertn)	GBPUAT, Ranichuri	40.36
					379.84
10	Irrigated	PSR	Development of efficient Complementary practices for zero and reduced tillage systems for establishing wheat after rice.	Dr.Y.Singh, GBPUA&T, Pantnagar(UP)	40.69
11	Irrigated	PSR	Analysis of productivity changes and future source of growth for sustainable Rice-wheat Cropping System.	GBPUA&T, Pantnagar(UP)	7.14
12	Irrigated	PSR	Characterization and mapping of rice wheat system: its changes sustainable Rice-wheat Cropping system.	GBPUA&T, Pantnagar(UP)	10.63
13	Irrigated	PSR	Characterization and mapping of rice wheat system; its changes and constraints to system sustainability.	GBPUA&T, Pantnagar(UP)	10.63
14	Irrigated	PSR	Fertility evaluation and soil test based integrated fertilizers recommendations	GBPUAT, Pantnagar (UP)	19.87
15	Irrigated	PSR	Organic matters recycling and enrichment	GBPUA&T, Pantnagar(UP)	16.31
16	Irrigated	PSR	Nitrogen management and simulation modeling for different water availability situations .	GBPUA&T, Pantnagar(UP)	14.85
17	Irrigated	PSR	Development of new tillage and crop residue management practices in machine harvested areas as an alternate to burning	GBPUA&T, Pantnagar(UP)	21.01

18	Irrigated	PSR	Development of adaptable IPM in Rice Wheat Cropping system	GBPUA&T, Pantnagar(UP)	16.94
19	Irrigated	PSR	Fisheries Management in the lentic water system ; stocking of reservoir with fish seed	GBPUA&T, Pantnagar(UP)	24.32
20	Irrigated	PSR	Breeding designer Brassicas	GBPUA&T, Pantnagar(UP)	27.30
21	Irrigated	PSR	Development of Insect pest and disease Resistance superiors varieties cabbage and cauliflower.	Dr. Hari Har Ram GBPUA&T, Pantnagar(UP)	16.53
22	Irrigated	PSR	Breeding multicut forage sorghum hybrids and varieties with enhanced nutritional quality	Dr. Rameshwar Singh, GBPUA&T, Pantnagar(UP)	34.37
23	Irrigated	PSR	Bailing densification and storage of grasses\ fodders\crop residues	Dr.M.L.Verma,	17.48
24	Irrigated	PSR	Impact of pesticides on soil -biota and non targeted organisms in rice-wheat cropping system.	Dr.L.M.Pant,GBPUA&T Pantnagar(UP)	17.45
25	Irrigated	PSR	Sustainable high production of indigenous and cross bread in rural household.	Dr. R.J. Sharma, GBPUAT, pantnagar (UP)	25.93
26	Irrigated	PSR	Manipulation of rumen microbial ecosystem for improving the utilization of straws and stovers.	Dr.Anil Kumar,GBPUA&T, Pantnagar-263145(UP)	32.83
27	Irrigated	PSR	Development and validation of simulation models to predict the long term consequence of different tillage and residue management strategies.	Dr. R.P. Tripathi, GBPUAT, Pantnagar	30.11
28	Irrigated	PSR	Quality improvement of bread and durum wheat,	Dr.T.B. Singh GBPUA&T, Pantnagar	35.29
29	Irrigated	PSR	Evaluation of locally available feed and fodder`s improvement in their quality and formulation of complete economic rations in Rice-Wheat production System	Dr.V.D.Goel,GBPUA&T	21.11
30	Irrigated	PSR	Urban and peri urban System of milk production through use of concentrate based feeding system.	Dr.D P Tiwari,GBPUA&T Pantnagar (UP)	39.15
31	Irrigated	PSR	Improvement in Productivity and Development of Suitable Production System in Litchi	GBPUA&T Pantnagar(UP)	37.93

32	Irrigated	PSR	Network Project on Genetic evaluation and improvement of sesbania (Dhencha) and Crotolaria (Sunhemp) for green manuring	GBPUA&T Pantnagar(UP)		26.53
33	Irrigated	PSR	Improving Reproductive Efficiency of Cattle and Buffaloes under Rice-Wheat Agro-Ecosystem	GBPUA&T Pantnagar(UP)		22.66
34	Irrigated	PSR	Tillage technique toenable timely planting of sugarcane after wheat harvest	Dr.Vivek Singh,GBPUAT Pantnagar		21.08
35	Irrigated	PSR	Management of inter crops in autumn planted Sugarcane	Dr.Prem Pal Singh, GBPUA&T, Pantnagar		16.34
36	Irrigated	PSR	Diagnosis survey for study of sugarcane based production system constraints	Dr.S.P.Singh,GBPUA&T, Pantnagar(UP)		7.18
37	Irrigated	PSR	Enclusion of causes and mechanism of iron chlorosis in Sugarcane	GBPUA&T(Pantnagar)		39.73
38	Irrigated	PSR	Weed management in sugarcane based cropping system	GBPUA&T(Pantnagar)		16.4
39	-	CGP	Biochemical and molecular mecha-nism of resistance against Isoproturon in phalaris minor	Dr D.P.Singh GBPUA&T(Pantnagar)		26.04
40	-	TOE	Agricultural Communication	GBPUA&T(Pantnagar)		143.06
41	-	TD	Strengthening of DEE at GBPUA&T(Pantnagar)	GBPUA&T(Pantnagar)		9.99
42	-	TD	ATIC at Pantnagar	GBPUA&T(Pantnagar)		43.57
43	-	TD	Maghera Po.Garampani(Nainital)	GBPUA&T(Pantnagar)		26.63
44	-	MM	III-41 : Diagnosis of Parasitic disease of domestic animals	DR. C.L. Sharma		48.46
45	-	MM	III-18 : Germplasm Inventory, Evaluation and Gene Banking of Freshwater Fishes	Dr. U. P. Singh /I. J. Singh		20.21
46	-	MM	III-35 : Weather based animal disease forecasts	Dr. M. C. Sharma		12.35
47	-	MM	III-6 : Development of Hybrid-Crops (Maize)	Dr. Warsi		22.18
48	-	MM	III-15: Veterinary Diagnostics	Dr. S. K. Garg		27.57

for Prevalent and Emerging Diseases

49	-	MM III-36: Prototype Manufacturing of Agricultural Implements	Dr. S. D. Chhabra	26.57
50	-	MM III-31 : Mechanization of Rice - Wheat Cropping System for Increasing the Productivity	Dr. T. P. Singh	56.49
51	-	MM III-6 : Development of Hybrid-Crops (Rice)	Dr. M. P. Pandey	19.74
52	-	MM III-19 : Production of superior males through embryo transfer technology	Dr. S. N. Maurya	21.27
53	-	MM III-11 : Quality Assurance and Monitoring of Food from Livestock and Poultry	Dr. S. P. Singh	41.05
54	-	MM III-7 :Isolation of Plant Genes and Promoters for Developing Transgenic Crop Plant Resistant to Insect Pests	Dr. N. K. Singh	49.73
55	-	MM III-13 : Animal Genetic Resource Biodiversity	Dr. R. B. Prasad	24.02
56	-	MM III -34 : Animal Health Information System Through Monitoring and Surveillance	Dr. V. D. P. Rao	20.04

Abbreviations

(i) IVLP - Institutional Village Linkage Programme

(ii) TAR - Technology Assessment Refinement

(iii) PSR - Production System Research

(iv) MM - Mission Mode

(v) TOE - Team of Excellence

(vi) CGP - Competitive Grants Programme

(vii) TD - Technology Dissemination